

CURRENT TRANSFORMER

Model 389

Window Diameter 5.75"

APPLICATION:
Relaying and metering.

FREQUENCY:
50-400 Hz.

INSULATION LEVEL:
600 Volts, 10 kV BIL full wave.

REGULATORY APPROVALS



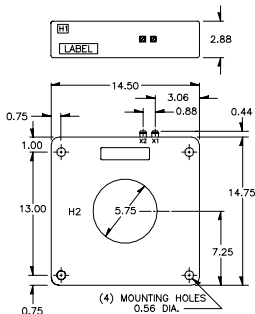
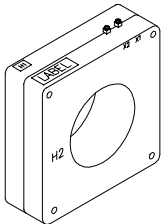
E93779



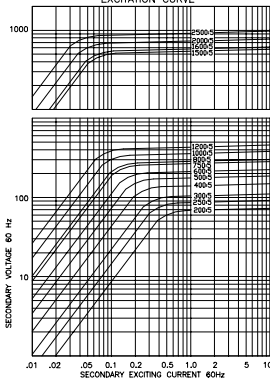
LR89403

Manufactured to meet the requirements of ANSI/IEEE C57.13.
Classified by U.L. in accordance with IEC 44-1

- Secondary terminals are brass screws No. 10-32 UNF with one flatwasher and lockwasher.
- Multi-ratios available on request.
- Approximate weight 70 lbs.



EXCITATION CURVE



| CATALOG NUMBER | CURRENT RATIO | RELAY CLASS | ANSI METERING CLASS AT 60 Hz | | | | | SECONDARY WINDING RESISTANCE (OHMS @ 75 °C) | CONTINUOUS THERMAL RATING FACTOR | |
|----------------|---------------|-------------|------------------------------|------|------|------|------|---|----------------------------------|--------|
| | | | B0.1 | B0.2 | B0.5 | B0.9 | B1.8 | | @ 30°C | @ 55°C |
| 389-201 | 200:5 | C50 | 0.3 | 0.6 | 1.2 | 1.2 | 2.4 | 0.087 | 2.0 | 2.0 |
| 389-251 | 250:5 | C50 | 0.3 | 0.3 | 0.6 | 1.2 | 1.2 | 0.109 | 2.0 | 2.0 |
| 389-301 | 300:5 | C100 | 0.3 | 0.3 | 0.6 | 0.6 | 1.2 | 0.130 | 2.0 | 2.0 |
| 389-401 | 400:5 | C100 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.174 | 2.0 | 2.0 |
| 389-501 | 500:5 | C100 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.217 | 2.0 | 2.0 |
| 389-601 | 600:5 | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.261 | 2.0 | 2.0 |
| 389-751 | 750:5 | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.326 | 2.0 | 2.0 |
| 389-801 | 800:5 | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.348 | 2.0 | 2.0 |
| 389-102 | 1000:5 | C200 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.435 | 2.0 | 2.0 |
| 389-122 | 1200:5 | C400 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.522 | 2.0 | 1.5 |
| 389-152 | 1500:5 | C400 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.674 | 2.0 | 1.5 |
| 389-162 | 1600:5 | C400 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.719 | 2.0 | 1.5 |
| 389-202 | 2000:5 | C400 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.899 | 1.5 | 1.33 |
| 389-252 | 2500:5 | C800 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 1.123 | 1.5 | 1.0 |